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AMENDMENTS TO THE CLAIMS

Claims 1-23 (Cancelled)

24. (Currently Amended) A wireless Universal Serial Bus (USB) hub and remote wireless peripheral device for communication with a computer having a USB port comprising:

a remote wireless peripheral device having a circuit for generating device information related to operations performed by said peripheral device and an RF transmitter connected to said circuit for transmitting a wireless signal including said device information, said circuit and said RF transmitter being integral to said peripheral device, said RF transmitter being the sole means for communicating said device information from said peripheral device and said peripheral device not having any USB communication capability;

a data reception circuit for receiving said wireless signal from said RF transmitter;

an upstream USB port adapted to be connected to the computer; and

a hub controller connected between said data reception circuit and said upstream USB port whereby when said upstream USB port is connected to the USB port of the computer and said peripheral device generates said wireless signal to said data reception circuit, said hub controller converts said wireless signal to a USB data signal and passes said USB data signal to said upstream port for communication to the computer.

25. (Previously Presented) The wireless USB hub and peripheral device according to claim 24 wherein said data reception circuit further includes an RF receiver for receiving said wireless signal from said peripheral device.

26. (Previously Presented) The wireless USB hub and peripheral device according to claim 25 wherein said data reception circuit further includes a signal discriminator connected between said RF receiver and said hub controller for receiving said wireless signal from said RF receiver and presenting said device information in said wireless signal to said hub controller.

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27. (Previously Presented) The wireless USB hub and peripheral device according to claim 26 wherein said hub controller further includes a serial interface engine connected to said signal discriminator for converting said device information into USB format to form said USB data signal.

28. (Previously Presented) The wireless USB hub and peripheral device according to claim 24 further including at least two additional remote wireless peripheral devices and at least two additional data reception circuits, each of said data reception circuits corresponding to an associated one of said peripheral devices, wherein each of said data reception circuits includes an RF receiver for receiving a unique wireless signal from said associated one of said peripheral devices.

29. (Previously Presented) The wireless USB hub and peripheral device according to claim 24 wherein said RF receiver is a DSSS BPSK modulation receiver.

30. (Currently Amended) The wireless USB hub and peripheral device according to claim 24 including at least one conventional downstream USB port in the hub and connected to said hub controller for connection to a USB peripheral device.

31. (Currently Amended) A wireless Universal Serial Bus (USB) hub and remote wireless peripheral devices for communication with a computer having a USB port comprising:

at least two remote wireless peripheral devices each having a circuit for generating device information related to operations performed by said peripheral device and an RF transmitter connected to said circuit for transmitting a wireless signal including said device information, said circuits and said RF transmitters being integral to said peripheral devices, said RF transmitters being the sole means for communicating said device information from said peripheral devices and said peripheral devices not having any USB communication capability;

a data reception circuit for receiving said wireless signals from said RF transmitters;

an upstream USB port adapted to be connected to the computer; and

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a hub controller connected between said data reception circuit and said upstream USB port whereby when said upstream USB port is connected to the USB port of the computer and said peripheral devices generate said wireless signals to said data reception circuit, said hub controller converts each of said wireless signals to a USB data signal and passes said USB data signal to said upstream port for communication of said device information to the computer.

32. (Previously Presented) A wireless Universal Serial Bus kit for providing communication between at least one remote wireless peripheral device and a computer having a USB port comprising:

a wireless USB hub comprising:

an upstream USB port adapted to be connected to the computer USB port;  
at least one downstream USB port connected to said upstream USB port;  
a data reception circuit including an RF receiver for receiving a wireless data signal;

a hub controller connected between said data reception circuit and said upstream USB port; and

at least one remote wireless peripheral device comprising:

a circuit for generating peripheral device information;

an RF transmitter connected to said circuit for transmitting a wireless signal including said device information, said circuit and said RF transmitter being integral to said peripheral device, said RF transmitter being the sole means for communicating said device information from said at least one device and said peripheral device not having any USB communication capability, whereby when said upstream USB port is connected to the computer USB port and said at least one device generates said wireless signal, said data reception circuit receives said wireless signal and said hub controller converts said wireless data signal to a USB data signal and passes said USB data signal to said upstream port for transmission of said

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device information to the computer with an identification of said at least one device based upon said device identification.

33. (Previously Presented) The wireless USB kit according to claim 32 wherein said at least one peripheral device is one of a keyboard, a mouse and a joystick.

34. (Previously Presented) The wireless USB kit according to claim 32 wherein said at least one peripheral device is a keyboard and including a mouse, said mouse having a circuit for generating mouse information and an RF transmitter connected to said mouse circuit for transmitting another wireless signal including said mouse information and a mouse identification, said RF transmitter being the sole means for communicating said mouse information from said mouse, whereby when said upstream USB port is connected to the computer USB port and said mouse generates said another wireless signal, said data reception circuit receives said another wireless signal and said hub controller converts said another wireless data signal to a USB data signal and passes said USB data signal to said upstream port for transmission of said mouse information to the computer with an identification of said mouse based upon said device identification.